

## PCT REQUEST

Original (for SUBMISSION )

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form - PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.158)
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
<b>0-7</b>	Applicant's or agent's file reference	P25055
<b>I</b>	<b>Title of Invention</b>	DISCHARGE LAMP LIGHTING CONTROL DEVICE
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is:	applicant only
<b>II-2</b>	Applicant for	all designated States except US
<b>II-4</b>	Name:	MATSUSHITA ELECTRIC WORKS, LTD.
<b>II-5</b>	Address:	Intellectual Property Rights Center 1048, Kadoma, Osaka, Osaka, 571-8686 Japan
<b>II-6</b>	State of nationality	JP
<b>II-7</b>	State of residence	JP
<b>II-8</b>	Telephone No.	011 816 6906 7249
<b>II-9</b>	Facsimile No.	011 816 6902 8807

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III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant only
III-1-2	Applicant for	all designated States except US
III-1-4	Name:	VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.
III-1-5	Address:	1872 Pratt Drive Suite 1625 Blacksburg, Virginia 24060 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US
III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	all designated States
III-2-4	Name (LAST, First)	LEE, Fred, C.
III-2-5	Address:	2909 Stradford Lane Blacksburg, Virginia 24060 United States of America
III-2-6	State of nationality	US
III-2-7	State of residence	US
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	all designated States
III-3-4	Name (LAST, First)	ZHOU, Jinghai
III-3-5	Address:	1224 University City Blvd. Apt. D-45 Blacksburg, Virginia 24060 United States of America
III-3-6	State of nationality	CN
III-3-7	State of residence	US
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	all designated States
III-4-4	Name (LAST, First)	JIANG, Yan
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III-4-6	State of nationality	CN
III-4-7	State of residence	US

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III-5	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	all designated States
III-5-4	Name (LAST, First)	OKAWA, Masanao
III-5-5	Address:	51 Cedar Street Apt. 4301 Woburn, Massachusetts 01801 United States of America
III-5-6	State of nationality	JP
III-5-7	State of residence	US
III-6	<b>Applicant and/or inventor</b>	
III-6-1	This person is:	applicant and inventor
III-6-2	Applicant for	all designated States
III-6-4	Name (LAST, First)	TRAN, Dung, A.
III-6-5	Address:	95 Audubon Road Wakefield, Massachusetts 01880 United States of America
III-6-6	State of nationality	CA
III-6-7	State of residence	US
III-7	<b>Applicant and/or inventor</b>	
III-7-1	This person is:	applicant and inventor
III-7-2	Applicant for	all designated States
III-7-4	Name (LAST, First)	ERIGUCHI, Hiroyasu
III-7-5	Address:	53 Asbury Street Lexington, Massachusetts 02421 United States of America
III-7-6	State of nationality	JP
III-7-7	State of residence	US
IV-1	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	BERNSTEIN, Bruce, H.
IV-1-2	Address:	1950 Roland Clarke Place Reston, Virginia 20191 United States of America
IV-1-3	Telephone No.	703 716 1191
IV-1-4	Facsimile No.	703 716 1180
IV-1-5	e-mail	gbpatent@gbpatent.com
IV-1-6	Agent's registration No.	29,027

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IV-2	Additional agent(s)	additional agent(s) with same address as first named agent	
IV-2-1	Name(s)	GREENBLUM, Neil, F. (28,394); PAPERNER, Leslie, J. (33,329); TURK, Arnold (33,094); ROWLAND, James, L. (32,674); LYDDANE, William, E. (41,568); ROYLANCE, Stephen, M. (31,296); PIEPRZ, William (33,630); WEGMAN, Steven (31,438)	
V	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	23 April 2003 (23.04.2003)	
VI-1-2	Number	60/464,646	
VI-1-3	Country	US	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	24	-
IX-3	Claims	7	-
IX-4	Abstract	1	✓
IX-5	Drawings	17	-
IX-7	TOTAL	54	
	<b>Accompanying Items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	3	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	PAPERNER, Leslie, J.	
X-1-2	Name of signatory		
X-1-3	Capacity		

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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